(1)

BRUHAT BANGLORE MAHANAGARA PALIKE

YALAHANKA ZONE, BANGLORE

MEASUREMENT SHEET

RA 1ST AND PART BILL

NAME OF WORK : COMPREHENSIVE DEVELOPMENT OF HAROHALLI LAKE IN CHOWDESHWARI WARD No-2

Estimate Cost:	400.00 Lakhs
Head of Account:	Amrutha Nagrothana grants
Sanction No	Job No-002-22-000009
Tender Amount	Rs.3,55,40,188/-
Tender Period	9 Months
Reference to Agreement No:	EE(Project)/YNK Zone/WO/23/2022-23 date :
Name of Contractor and full Address:	K Gopireddy, Class 1 Contractor Bangalore
agreement	3/9/2022
Date of Completion as per agreement	3/6/2023

Detailed Measurements

Measurement Recorded On: **14-09-2022**

Item No:EI-1

Dismantling kerb stone channel by manual means and disposal of dismantled material with all lifts and lead - Dismantling of Kerb Stone Channel

Description	Nos	L	B	D	Quantity
For KERB					
CH 0-30 (L.H.S)	1	8.00			8.00
CH 0-30 (R.H.S)	1	14.50			14.50
CH 30-60 (L.H.S)	1	11.00			11.00
CH 30-60 (R.H.S)	1	6.00			6.00
CH 60-90 (L.H.S)	1	10.50			10.50
CH 60-90 (R.H.S)	1	8.00			8.00
CH 90-120 (L.H.S)	1	8.00			8.00
CH 90-120 (R.H.S)	1	22.00			22.00
CH 150-180 (L.H.S)	1	12.00			12.00
CH 150-180 (L.H.S)	1	12.00			12.00
CH 180-210 (L.H.S)	1	18.00			18.00
CH 180-210 (R.H.S)	1	21.00			21.00
CH 210-240 (L.H.S)	1	12.00			12.00
CH 210-240 (R.H.S)	1	28.00			28.00
CH 240-270 (L.H.S)	1	6.00			6.00
CH 240-270 (R.H.S)	1	14.00			14.00
CH 270-300 (L.H.S)	1	16.00			16.00
CH 270-300 (R.H.S)	1	7.00			7.00
CH 300-330 (L.H.S)	1	12.00			12.00
CH 300-330 (R.H.S)	1	18.00			18.00
CH 330-360 (L.H.S)	1	22.00			22.00
CH 330-360 (R.H.S)	1	16.00			16.00
CH 360-390 (L.H.S)	1	20.00			20.00
CH 360-390 (R.H.S)	1	7.00			7.00
CH 390-420 (L.H.S)	1	18.00			18.00

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 63

347.00

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(F.3447-02)

	Description	Nos	L	B	D	Quantity
	CH 390-420 (R.H.S)	1	9.00			9.00
	CH 420-450 (L.H.S)	1	22.00			22.00
	CH 420-450 (R.H.S)	1	5.00			5.00
	CH 450-480 (L.H.S)	1	8.00			8.00
	CH 450-480 (R.H.S)	1	6.00			6.00
	CH 480-510 (L.H.S)	1	22.00			22.00
	CH 480-510 (R.H.S)	1	10.00			10.00
	CH 510 -540 (L.H.S)	1	13.00			13.00
	CH 510 -540 (R.H.S)	1	16.00			16.00
	CH 720-750 (L.H.S)	1	22.00			22.00
	CH 720-750 (R.H.S)	1	8.00			8.00
	CH 750-780 (L.H.S)	1	11.00			11.00
	CH 750-780 (R.H.S)	1	24.00			24.00
	CH 780-810 (L.H.S)	1	16.00			16.00
	CH 780-810 (R.H.S)	1	26.00			26.00
	CH 810-840 (L.H.S)	1	14.00			14.00
	CH 810-840 (R.H.S)	1	12.00			12.00
	CH 840-870 (L.H.S)	1	16.00			16.00
	CH 840-870 (R.H.S)	1	18.00			18.00
	CH 870-900 (L.H.S)	1	22.00			22.00
	CH 870-900 (R.H.S)	1	14.00			14.00
	CH 900-930 (L.H.S)	1	19.00			19.00
	CH 900-930 (R.H.S)	1	26.00			26.00
	CH 930-960 (L.H.S)	1	12.00			12.00
	CH 930-960 (R.H.S)	1	5.00			5.00
	CH 960-990 (L.H.S)	1	8.00			8.00
	CH 960-990 (R.H.S)	1	11.00			11.00
	CH 990-1020 (L.H.S)	1	13.00			13.00
	CH 990-1020 (R.H.S)	1	9.00			9.00
	CH 1380-1410 (L.H.S)	1	28.00			28.00
	CH 1380-1410 (R.H.S)	1	9.00			9.00
	CH 1410-1440 (L.H.S)	1	21.00			21.00
	CH 1410-1440 (R.H.S)	1	15.00			15.00
	CH 1440-1470 (L.H.S)	1	6.00			6.00
	CH 1440-1470 (R.H.S)	1	18.00			18.00
	CH 1470-1500 (L.H.S)	1	22.00			22.00
	CH 1470-1500 (R.H.S)	1	26.00			26.00
	CH 1710- 1740 (L.H.S)	1	12.00			12.00
	CH 1710- 1740 (R.H.S)	1	18.00			18.00
	CH 1770- 1800 (L.H.S)	1	9.00			9.00
	CH 1770- 1800 (R.H.S)	1	13.00			13.00
	CH 1800- 1830 (L.H.S)	1	24.00			24.00
	CH 1800- 1830 (R.H.S)	1	17.00			17.00
	CH 1830- 1860 (L.H.S)	1	20.00			20.00
	CH 1830- 1860 (R.H.S)	1	5.00			5.00
	CH 1860- 1890 (L.H.S)	1	14.00			14.00
	CH 1860- 1890 (R.H.S)	1	25.00			25.00
	CH 1980- 2010 (L.H.S)	1	18.00			18.00

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

1084.00

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C/F 1088-00 (3)

	Description	Nos	L	B	D	Quantity
	CH 1980- 2010 (R.H.S)	1	26.00			26.00
	CH 2010- 2040 (L.H.S)	1	24.00			24.00
	CH 2010- 2040 (R.H.S)	1	9.00			9.00
	CH 2040- 2070 (L.H.S)	1	17.00			17.00
	CH 2040- 2070 (R.H.S)	1	28.00		1188-00	28.00
	Catch-Drains Deductions	1	24.00			-24.00
					Total in Mtr	**1164.00**

PMC

Assistant Engineer
Project Division Yelahanka

Contractor

Asst. Executive Engineer
Project Division Yelahanka

14/9/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

BRUHAT BANGLORE MAHANAGARA PALIKE

YALAHANKA ZONE, BANGLORE

MEASUREMENT SHEET

RA 1ST AND PART BILL

NAME OF WORK : COMPREHENSIVE DEVELOPMENT OF HAROHALLI LAKE IN CHOWDESHWARI WARD No-2

Estimate Cost:	400.00 Lakhs
Head of Account:	Amrutha Nagrothana grants
Sanction No	Job No-002-22-000009
Tender Amount	Rs.3,55,40,188/-
Tender Period	9 Months
Reference to Agreement No:	EE(Project)/YNK Zone/WO/23/2022-23 date :
Name of Contractor and full Address:	K Gopireddy, Class 1 Contractor Bangalore
agreement	3/9/2022
Date of Completion as per agreement	3/6/2023

Detailed Measurements

Measurement Recorded On: 1-10-2022

Item No:07

Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work.

Description	Nos	L	B	D	Quantity
For PATHWAY KERB					
CH 0-30	1	30.00	0.25	0.20	1.50
CH 30-60	1	30.00	0.25	0.20	1.50
CH 60-90	1	30.00	0.25	0.20	1.50
CH 90-120	1	30.00	0.25	0.20	1.50
CH 120-150	1	30.00	0.25	0.20	1.50
CH 150-180	1	30.00	0.25	0.20	1.50
CH 180-210	1	30.00	0.25	0.20	1.50
CH 210-240	1	30.00	0.25	0.20	1.50
CH 240-270	1	30.00	0.25	0.20	1.50
CH 270-300	1	30.00	0.25	0.20	1.50
CH 300-330	1	30.00	0.25	0.20	1.50
CH 330-360	1	30.00	0.25	0.20	1.50
CH 360-390	1	30.00	0.25	0.20	1.50
CH 390-420	1	30.00	0.25	0.20	1.50
CH 420-450	1	30.00	0.25	0.20	1.50
CH 450-480	1	30.00	0.25	0.20	1.50
CH 480-510	1	30.00	0.25	0.20	1.50
CH 510 -540	1	30.00	0.25	0.20	1.50
CH 540-570	1	30.00	0.25	0.20	1.50
CH 570-600	1	30.00	0.25	0.20	1.50

AEE (Project)

30.00

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	Description	Nos	L	B	D	Quantity
	CH 600-630	1	30.00	0.25	0.20	1.50
	CH 630-660	1	30.00	0.25	0.20	1.50
	CH 660-690	1	30.00	0.25	0.20	1.50
	CH 690-720	1	30.00	0.25	0.20	1.50
	CH 720-750	1	30.00	0.25	0.20	1.50
	CH 750-780	1	30.00	0.25	0.20	1.50
	CH 780-810	1	30.00	0.25	0.20	1.50
	CH 810-840	1	30.00	0.25	0.20	1.50
	CH 840-870	1	30.00	0.25	0.20	1.50
	CH 870-900	1	30.00	0.25	0.20	1.50
	CH 900-930	1	30.00	0.25	0.20	1.50
	CH 930-960	1	30.00	0.25	0.20	1.50
	CH 960-990	1	30.00	0.25	0.20	1.50
	CH 990-1020	1	30.00	0.25	0.20	1.50
	CH 1020-1050	1	30.00	0.25	0.20	1.50
	CH 1050-1080	1	30.00	0.25	0.20	1.50
	CH 1080-1110	1	30.00	0.25	0.20	1.50
	CH 1110 -1140	1	30.00	0.25	0.20	1.50
	CH 1140-1170	1	30.00	0.25	0.20	1.50
	CH 1170-1200	1	30.00	0.25	0.20	1.50
	CH 1200-1230	1	30.00	0.25	0.20	1.50
	CH 1230-1260	1	30.00	0.25	0.20	1.50
	CH 1260-1290	1	30.00	0.25	0.20	1.50
	CH 1290-1320	1	30.00	0.25	0.20	1.50
	CH 1320-1350	1	30.00	0.25	0.20	1.50
	CH 1350-1380	1	30.00	0.25	0.20	1.50
	CH 1380-1410	1	30.00	0.25	0.20	1.50
	CH 1410-1440	1	30.00	0.25	0.20	1.50
	CH 1440-1470	1	30.00	0.25	0.20	1.50
	CH 1470-1500	1	30.00	0.25	0.20	1.50
	CH 1500-1530	1	30.00	0.25	0.20	1.50
	CH 1530-1560	1	30.00	0.25	0.20	1.50
	CH 1560-1590	1	30.00	0.25	0.20	1.50
	CH 1590-1620	1	30.00	0.25	0.20	1.50
	CH 1620-1650	1	30.00	0.25	0.20	1.50
	CH 1650- 1680	1	30.00	0.25	0.20	1.50
	CH 1680- 1710	1	30.00	0.25	0.20	1.50
	CH 1710- 1740	1	30.00	0.25	0.20	1.50
	CH 1740- 1770	1	30.00	0.25	0.20	1.50
	CH 1770- 1800	1	30.00	0.25	0.20	1.50
	CH 1800- 1830	1	30.00	0.25	0.20	1.50
	CH 1830- 1860	1	30.00	0.25	0.20	1.50
	CH 1860- 1890	1	30.00	0.25	0.20	1.50
	CH 1890- 1920	1	30.00	0.25	0.20	1.50
	CH 1920- 1950	1	30.00	0.25	0.20	1.50
	CH 1950- 1980	1	30.00	0.25	0.20	1.50
	CH 1980- 2010	1	30.00	0.25	0.20	1.50
	CH 2010- 2040	1	30.00	0.25	0.20	1.50

Scanned by TapScanner

	Description	Nos	L	B	D	Quantity
	CH 2040- 2070	1	30.00	0.25	0.20	1.50
	CH 2070- 2100	1	30.00	0.25	0.20	1.50
	CH 2100- 2130	1	30.00	0.25	0.20	1.50
	CH 2130- 2160	1	30.00	0.25	0.20	1.50
	CH 2160- 2190	1	30.00	0.25	0.20	1.50
	CH 2190- 2220	1	30.00	0.25	0.20	1.50
	CH 2220- 2250	1	30.00	0.25	0.20	1.50
	CH 2250- 2280	1	30.00	0.25	0.20	1.50
	CH 2280- 2310	1	30.00	0.25	0.20	1.50
	CH 2310- 2340	1	30.00	0.25	0.20	1.50
	CH 2340- 2370	1	30.00	0.25	0.20	1.50
	CH 2370- 2382	1	12.00	0.25	0.20	0.60
	Deductions:					
	Gate portion CH 1980- 2010	2	20.00	0.25	0.20	-2.00
	CH 2010- 2040	2	20.00	0.25	0.20	-2.00
					Total in Cum	**115.10**

CF 102.00 (6)

119.10

Ch 1980

A.E.E. (Project)

PMC

Assistant Engineer
Project Division Yelahanka

Contractor

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Executive Engineer
Project Division Yelahanka

Scanned by TapScanner

Name of Work:- Comprehensive Development Of Harohalli Lake In Chowdeshwari Ward No-2

Detailed Measurements

Measurement Recorded On: 25|10|22

Item No:08

Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.

Description	Nos	L	B	D	Quantity
For Cycle Track					
CH 0-30	1	30.00	2.70	0.55	44.55
CH 30-60	1	30.00	2.70	0.55	44.55
CH 60-90	1	30.00	2.70	0.55	44.55
CH 90-120	1	30.00	2.70	0.55	44.55
CH 120-150	1	30.00	2.70	0.55	44.55
CH 150-180	1	30.00	2.70	0.55	44.55
CH 180-210	1	30.00	2.70	0.55	44.55
CH 210-240	1	30.00	2.70	0.55	44.55
CH 240-270	1	30.00	2.70	0.55	44.55
CH 270-300	1	30.00	2.70	0.55	44.55
CH 300-330	1	30.00	2.70	0.55	44.55
CH 330-360	1	30.00	2.70	0.55	44.55
CH 360-390	1	30.00	2.70	0.55	44.55
CH 390-420	1	30.00	2.70	0.55	44.55
CH 420-450	1	30.00	2.70	0.55	44.55
CH 450-480	1	30.00	2.70	0.55	44.55
CH 480-510	1	30.00	2.70	0.55	44.55
CH 510 -540	1	30.00	2.70	0.55	44.55
CH 540-570	1	30.00	2.70	0.55	44.55
CH 570-600	1	30.00	2.70	0.55	44.55
CH 600-630	1	30.00	2.70	0.55	44.55
CH 630-660	1	30.00	2.70	0.55	44.55
CH 660-690	1	30.00	2.70	0.55	44.55
CH 690-720	1	30.00	2.70	0.55	44.55
CH 720-750	1	30.00	2.70	0.55	44.55
CH 750-780	1	30.00	2.70	0.55	44.55
CH 780-810	1	30.00	2.70	0.55	44.55
CH 810-840	1	30.00	2.70	0.55	44.55

Ch 16 AEE (Project)

1247.40

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Description	Nos	L	B	D	Quantity
CH 870-900	1	30.00	2.70	0.55	44.55
CH 900-930	1	30.00	2.70	0.55	44.55
CH 930-960	1	30.00	2.70	0.55	44.55
CH 960-990	1	30.00	2.70	0.55	44.55
CH 990-1020	1	30.00	2.70	0.55	44.55
CH 1020-1050	1	30.00	2.70	0.55	44.55
CH 1050-1080	1	30.00	2.70	0.55	44.55
CH 1080-1110	1	30.00	2.70	0.55	44.55
CH 1110 -1140	1	30.00	2.70	0.55	44.55
CH 1140-1170	1	30.00	2.70	0.55	44.55
CH 1170-1200	1	30.00	2.70	0.55	44.55
CH 1200-1230	1	30.00	2.70	0.55	44.55
CH 1230-1260	1	30.00	2.70	0.55	44.55
CH 1260-1290	1	30.00	2.70	0.55	44.55
CH 1290-1320	1	30.00	2.70	0.55	44.55
CH 1320-1350	1	30.00	2.70	0.55	44.55
CH 1350-1380	1	30.00	2.70	0.55	44.55
CH 1380-1410	1	30.00	2.70	0.55	44.55
CH 1410-1440	1	30.00	2.70	0.55	44.55
CH 1440-1470	1	30.00	2.70	0.55	44.55
CH 1470-1500	1	30.00	2.70	0.55	44.55
CH 1500-1530	1	30.00	2.70	0.55	44.55
CH 1530-1560	1	30.00	2.70	0.55	44.55
CH 1560-1590	1	30.00	2.70	0.55	44.55
CH 1590-1620	1	30.00	2.70	0.55	44.55
CH 1620-1650	1	30.00	2.70	0.55	44.55
CH 1650- 1680	1	30.00	2.70	0.55	44.55
CH 1680- 1710	1	30.00	2.70	0.55	44.55
CH 1710- 1740	1	30.00	2.70	0.55	44.55
CH 1740- 1770	1	30.00	2.70	0.55	44.55
CH 1770- 1800	1	30.00	2.70	0.55	44.55
CH 1800- 1830	1	30.00	2.70	0.55	44.55
CH 1830- 1860	1	30.00	2.70	0.55	44.55
CH 1860- 1890	1	30.00	2.70	0.55	44.55
CH 1890- 1920	1	30.00	2.70	0.55	44.55
CH 1920- 1950	1	30.00	2.70	0.55	44.55
CH 1950- 1980	1	30.00	2.70	0.55	44.55
CH 1980- 2010	1	30.00	2.70	0.55	44.55
CH 2010- 2040	1	30.00	2.70	0.55	44.55
CH 2040- 2070	1	30.00	2.70	0.55	44.55
CH 2070- 2100	1	30.00	2.70	0.55	44.55
CH 2100- 2130	1	30.00	2.70	0.55	44.55

3163.05

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Description	Nos	L	B	D	Quantity
CH 2130- 2160	1	30.00	2.70	0.55	44.55
CH 2160- 2190	1	30.00	2.70	0.55	44.55
CH 2190- 2220	1	30.00	2.70	0.55	44.55
CH 2220- 2250	1	30.00	2.70	0.55	44.55
CH 2250- 2280	1	30.00	2.70	0.55	44.55
CH 2280- 2310	1	30.00	2.70	0.55	44.55
CH 2310- 2340	1	30.00	2.70	0.55	44.55
CH 2340- 2370	1	30.00	2.70	0.55	44.55
CH 2370- 2382	1	12.00	2.70	0.55	17.82
For Causeway Pipe Culvert					
Earth work	1	20.00	6.30	2.15	270.90
				Total in Cum	**3808.17**

3163.05 (9)

Q.S.E. (Project)

PMC

VIMOS TECHNOCRATS PVT. LTD. BENGALURU

Assistant Engineer
roject Division Yelahanka

Contractor

25/12/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Executive Engineer
Project Division Yelahanka

Scanned by TapScanner

(10)

Name of Work:- Comprehensive Development Of Harohalli Lake In Chowdeshwari Ward No-2

Detailed Measurements

Measurement Recorded On: 3/11/22

Item No:09

Providing new embankment abutting to existing bund to strength the existing bund using soil from approved borrow area in layers of 200 to 250 mm and compacting each layer to density control of not less than 95 percent by vibrating plate compactor or pnuematic tamper including cost of all materials, machinery, labour, picking previous layer, spreading soil in layer, breaking clods, watering etc., complete with all lead and lifts. ADD LEAD 30KM

Description	Nos	L	B	D	Quantity
For Cycle Track					
CH 0-30	1	30.00	2.40	0.20	14.40
CH 30-60	1	30.00	2.40	0.20	14.40
CH 60-90	1	30.00	2.40	0.20	14.40
CH 90-120	1	30.00	2.40	0.20	14.40
CH 120-150	1	30.00	2.40	0.20	14.40
CH 150-180	1	30.00	2.40	0.20	14.40
CH 180-210	1	30.00	2.40	0.20	14.40
CH 210-240	1	30.00	2.40	0.20	14.40
CH 240-270	1	30.00	2.40	0.20	14.40
CH 270-300	1	30.00	2.40	0.20	14.40
CH 300-330	1	30.00	2.40	0.20	14.40
CH 330-360	1	30.00	2.40	0.20	14.40
CH 360-390	1	30.00	2.40	0.20	14.40
CH 390-420	1	30.00	2.40	0.20	14.40
CH 420-450	1	30.00	2.40	0.20	14.40
CH 450-480	1	30.00	2.40	0.20	14.40
CH 480-510	1	30.00	2.40	0.20	14.40
CH 510 -540	1	30.00	2.40	0.20	14.40
CH 540-570	1	30.00	2.40	0.20	14.40
CH 570-600	1	30.00	2.40	0.20	14.40
CH 600-630	1	30.00	2.40	0.20	14.40
CH 630-660	1	30.00	2.40	0.20	14.40
CH 660-690	1	30.00	2.40	0.20	14.40
CH 690-720	1	30.00	2.40	0.20	14.40
CH 720-750	1	30.00	2.40	0.20	14.40
CH 750-780	1	30.00	2.40	0.20	14.40
CH 780-810	1	30.00	2.40	0.20	14.40
CH 810-840	1	30.00	2.40	0.20	14.40

Chainage
A.E.E. (Project)

403.20

Scanned by TapScanner

Description	Nos	L	B	D	Quantity
CH 840-870	1	30.00	2.40	0.20	14.40
CH 870-900	1	30.00	2.40	0.20	14.40
CH 900-930	1	30.00	2.40	0.20	14.40
CH 930-960	1	30.00	2.40	0.20	14.40
CH 960-990	1	30.00	2.40	0.20	14.40
CH 990-1020	1	30.00	2.40	0.20	14.40
CH 1020-1050	1	30.00	2.40	0.20	14.40
CH 1050-1080	1	30.00	2.40	0.20	14.40
CH 1080-1110	1	30.00	2.40	0.20	14.40
CH 1110 -1140	1	30.00	2.40	0.20	14.40
CH 1140-1170	1	30.00	2.40	0.20	14.40
CH 1170-1200	1	30.00	2.40	0.20	14.40
CH 1200-1230	1	30.00	2.40	0.20	14.40
CH 1230-1260	1	30.00	2.40	0.20	14.40
CH 1260-1290	1	30.00	2.40	0.20	14.40
CH 1290-1320	1	30.00	2.40	0.20	14.40
CH 1320-1350	1	30.00	2.40	0.20	14.40
CH 1350-1380	1	30.00	2.40	0.20	14.40
CH 1380-1410	1	30.00	2.40	0.20	14.40
CH 1410-1440	1	30.00	2.40	0.20	14.40
CH 1440-1470	1	30.00	2.40	0.20	14.40
CH 1470-1500	1	30.00	2.40	0.20	14.40
CH 1500-1530	1	30.00	2.40	0.20	14.40
CH 1530-1560	1	30.00	2.40	0.20	14.40
CH 1560-1590	1	30.00	2.40	0.20	14.40
CH 1590-1620	1	30.00	2.40	0.20	14.40
CH 1620-1650	1	30.00	2.40	0.20	14.40
CH 1650- 1680	1	30.00	2.40	0.20	14.40
CH 1680- 1710	1	30.00	2.40	0.20	14.40
CH 1710- 1740	1	30.00	2.40	0.20	14.40
CH 1740- 1770	1	30.00	2.40	0.20	14.40
CH 1770- 1800	1	30.00	2.40	0.20	14.40
CH 1800- 1830	1	30.00	2.40	0.20	14.40
CH 1830- 1860	1	30.00	2.40	0.20	14.40
CH 1860- 1890	1	30.00	2.40	0.20	14.40
CH 1890- 1920	1	30.00	2.40	0.20	14.40
CH 1920- 1950	1	30.00	2.40	0.20	14.40
CH 1950- 1980	1	30.00	2.40	0.20	14.40
CH 1980- 2010	1	30.00	2.40	0.20	14.40
CH 2010- 2040	1	30.00	2.40	0.20	14.40
CH 2040- 2070	1	30.00	2.40	0.20	14.40
CH 2070- 2100	1	30.00	2.40	0.20	14.40

A.E.E. (Project)

Scanned by TapScanner

Description	Nos	L	B	D	Quantity
CH 2100- 2130	1	30.00	2.40	0.20	14.40
CH 2130- 2160	1	30.00	2.40	0.20	14.40
CH 2160- 2190	1	30.00	2.40	0.20	14.40
CH 2190- 2220	1	30.00	2.40	0.20	14.40
CH 2220- 2250	1	30.00	2.40	0.20	14.40
CH 2250- 2280	1	30.00	2.40	0.20	14.40
CH 2280- 2310	1	30.00	2.40	0.20	14.40
CH 2310- 2340	1	30.00	2.40	0.20	14.40
CH 2340- 2370	1	30.00	2.40	0.20	14.40
CH 2370- 2382	1	12.00	2.40	0.20	5.76
For Causeway Pipe Culvert					
Below soling	1	20.00	6.30	0.25	31.50
Belowpipe bottom	1	18.50	4.20	0.90	69.93
				Total in Cum	**1244.79**

VIMS TECHNOCRATS PVT. LTD. BENGALURU

PMC

Assistant Engineer
roject Division Yelahanka

Contractor

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore
23/11/22

Asst. Executive Engineer
Project Division Yelahanka

Scanned by TapScanner

Name of Work:- Comprehensive Development Of Harohalli Lake In Chowdeshwari Ward No-2

Detailed Measurements

Measurement Recorded On: 15/11/22, 24/11/22, 02/12/22

Item No:10

Construction of Granular Sub-Base of required grading as per design spreading in uniform layers with motor grader on prepared surface mixing by mix in place method with front end loader at OMC and compacting with vibratory roller to achieve the desired density, complete as per clause 401 (For Grading -III Material)

Description	Nos	L	B	D	Quantity
For Cycle Track					
CH 0-30	1	30.00	2.40	0.20	14.40
CH 30-60	1	30.00	2.40	0.20	14.40
CH 60-90	1	30.00	2.40	0.20	14.40
CH 90-120	1	30.00	2.40	0.20	14.40
CH 120-150	1	30.00	2.40	0.20	14.40
CH 150-180	1	30.00	2.40	0.20	14.40
CH 180-210	1	30.00	2.40	0.20	14.40
CH 210-240	1	30.00	2.40	0.20	14.40
CH 240-270	1	30.00	2.40	0.20	14.40
CH 270-300	1	30.00	2.40	0.20	14.40
CH 300-330	1	30.00	2.40	0.20	14.40
CH 330-360	1	30.00	2.40	0.20	14.40
CH 360-390	1	30.00	2.40	0.20	14.40
CH 390-420	1	30.00	2.40	0.20	14.40
CH 420-450	1	30.00	2.40	0.20	14.40
CH 450-480	1	30.00	2.40	0.20	14.40
CH 480-510	1	30.00	2.40	0.20	14.40
CH 510 -540	1	30.00	2.40	0.20	14.40
CH 540-570	1	30.00	2.40	0.20	14.40
CH 570-600	1	30.00	2.40	0.20	14.40
CH 600-630	1	30.00	2.40	0.20	14.40
CH 630-660	1	30.00	2.40	0.20	14.40
CH 660-690	1	30.00	2.40	0.20	14.40
CH 690-720	1	30.00	2.40	0.20	14.40
CH 720-750	1	30.00	2.40	0.20	14.40
CH 750-780	1	30.00	2.40	0.20	14.40
CH 780-810	1	30.00	2.40	0.20	14.40
CH 810-840	1	30.00	2.40	0.20	14.40
CH 840-870	1	30.00	2.40	0.20	14.40
CH 870-900	1	30.00	2.40	0.20	14.40
CH 900-930	1	30.00	2.40	0.20	14.40
CH 930-960	1	30.00	2.40	0.20	14.40

A.E.E. (Project)

46.80

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Description	Nos	L	B	D	Quantity
CH 960-990	1	30.00	2.40	0.20	14.40
CH 990-1020	1	30.00	2.40	0.20	14.40
CH 1020-1050	1	30.00	2.40	0.20	14.40
CH 1050-1080	1	30.00	2.40	0.20	14.40
CH 1080-1110	1	30.00	2.40	0.20	14.40
CH 1110 -1140	1	30.00	2.40	0.20	14.40
CH 1140-1170	1	30.00	2.40	0.20	14.40
CH 1170-1200	1	30.00	2.40	0.20	14.40
CH 1200-1230	1	30.00	2.40	0.20	14.40
CH 1230-1260	1	30.00	2.40	0.20	14.40
CH 1260-1290	1	30.00	2.40	0.20	14.40
CH 1290-1320	1	30.00	2.40	0.20	14.40
CH 1320-1350	1	30.00	2.40	0.20	14.40
CH 1350-1380	1	30.00	2.40	0.20	14.40
CH 1380-1410	1	30.00	2.40	0.20	14.40
CH 1410-1440	1	30.00	2.40	0.20	14.40
CH 1440-1470	1	30.00	2.40	0.20	14.40
CH 1470-1500	1	30.00	2.40	0.20	14.40
CH 1500-1530	1	30.00	2.40	0.20	14.40
CH 1530-1560	1	30.00	2.40	0.20	14.40
CH 1560-1590	1	30.00	2.40	0.20	14.40
CH 1590-1620	1	30.00	2.40	0.20	14.40
CH 1620-1650	1	30.00	2.40	0.20	14.40
CH 1650- 1680	1	30.00	2.40	0.20	14.40
CH 1680- 1710	1	30.00	2.40	0.20	14.40
CH 1710- 1740	1	30.00	2.40	0.20	14.40
CH 1740- 1770	1	30.00	2.40	0.20	14.40
CH 1770- 1800	1	30.00	2.40	0.20	14.40
CH 1800- 1830	1	30.00	2.40	0.20	14.40
CH 1830- 1860	1	30.00	2.40	0.20	14.40
CH 1860- 1890	1	30.00	2.40	0.20	14.40
CH 1890- 1920	1	30.00	2.40	0.20	14.40
CH 1920- 1950	1	30.00	2.40	0.20	14.40
CH 1950- 1980	1	30.00	2.40	0.20	14.40
CH 1980- 2010	1	30.00	2.40	0.20	14.40
CH 2010- 2040	1	30.00	2.40	0.20	14.40
CH 2040- 2070	1	30.00	2.40	0.20	14.40
CH 2070- 2100	1	30.00	2.40	0.20	14.40
CH 2100- 2130	1	30.00	2.40	0.20	14.40
CH 2130- 2160	1	30.00	2.40	0.20	14.40
CH 2160- 2190	1	30.00	2.40	0.20	14.40
CH 2190- 2220	1	30.00	2.40	0.20	14.40
CH 2220- 2250	1	30.00	2.40	0.20	14.40

C/F 463.80 14

A.E.E. (Project)

1080.00

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Description	Nos	L	B	D	Quantity
CH 2250- 2280	1	30.00	2.40	0.20	14.40
CH 2280- 2310	1	30.00	2.40	0.20	14.40
CH 2310- 2340	1	30.00	2.40	0.20	14.40
CH 2340- 2370	1	30.00	2.40	0.20	14.40
CH 2370- 2382	1	12.00	2.40	0.20	5.76
For Causeway Pipe Culvert					
	1	20.00	6.30	0.20	25.20
				Total in Cum	1168.56

PMC

Assistant Engineer
roject Division Yelahanka

Contractor

02/12/22

Asst. Executive Engineer
Project Division Yelahanka

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Name of Work:- Comprehensive Development Of Harohalli Lake In Chowdeshwari Ward No-2

Detailed Measurements

Measurement Recorded On: 21/11/22, 25/11/22, 5/12/22

Item No:11

Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates

Description	Nos	L	B	D	Quantity
For KERB					
CH 0-30	1	30.00	0.20	0.15	0.90
CH 30-60	1	30.00	0.20	0.15	0.90
CH 60-90	1	30.00	0.20	0.15	0.90
CH 90-120	1	30.00	0.20	0.15	0.90
CH 120-150	1	30.00	0.20	0.15	0.90
CH 150-180	1	30.00	0.20	0.15	0.90
CH 180-210	1	30.00	0.20	0.15	0.90
CH 210-240	1	30.00	0.20	0.15	0.90
CH 240-270	1	30.00	0.20	0.15	0.90
CH 270-300	1	30.00	0.20	0.15	0.90
CH 300-330	1	30.00	0.20	0.15	0.90
CH 330-360	1	30.00	0.20	0.15	0.90
CH 360-390	1	30.00	0.20	0.15	0.90
CH 390-420	1	30.00	0.20	0.15	0.90
CH 420-450	1	30.00	0.20	0.15	0.90
CH 450-480	1	30.00	0.20	0.15	0.90
CH 480-510	1	30.00	0.20	0.15	0.90
CH 510 -540	1	30.00	0.20	0.15	0.90
CH 540-570	1	30.00	0.20	0.15	0.90
CH 570-600	1	30.00	0.20	0.15	0.90
CH 600-630	1	30.00	0.20	0.15	0.90
CH 630-660	1	30.00	0.20	0.15	0.90
CH 660-690	1	30.00	0.20	0.15	0.90
CH 690-720	1	30.00	0.20	0.15	0.90
CH 720-750	1	30.00	0.20	0.15	0.90
CH 750-780	1	30.00	0.20	0.15	0.90
CH 780-810	1	30.00	0.20	0.15	0.90

Pvt. JE

A.E.E. (Project)

24.30

Scanned by TapScanner

Description	Nos	L	B	D	Quantity
CH 810-840	1	30.00	0.20	0.15	0.90
CH 840-870	1	30.00	0.20	0.15	0.90
CH 870-900	1	30.00	0.20	0.15	0.90
CH 900-930	1	30.00	0.20	0.15	0.90
CH 930-960	1	30.00	0.20	0.15	0.90
CH 960-990	1	30.00	0.20	0.15	0.90
CH 990-1020	1	30.00	0.20	0.15	0.90
CH 1020-1050	1	30.00	0.20	0.15	0.90
CH 1050-1080	1	30.00	0.20	0.15	0.90
CH 1080-1110	1	30.00	0.20	0.15	0.90
CH 1110 -1140	1	30.00	0.20	0.15	0.90
CH 1140-1170	1	30.00	0.20	0.15	0.90
CH 1170-1200	1	30.00	0.20	0.15	0.90
CH 1200-1230	1	30.00	0.20	0.15	0.90
CH 1230-1260	1	30.00	0.20	0.15	0.90
CH 1260-1290	1	30.00	0.20	0.15	0.90
CH 1290-1320	1	30.00	0.20	0.15	0.90
CH 1320-1350	1	30.00	0.20	0.15	0.90
CH 1350-1380	1	30.00	0.20	0.15	0.90
CH 1380-1410	1	30.00	0.20	0.15	0.90
CH 1410-1440	1	30.00	0.20	0.15	0.90
CH 1440-1470	1	30.00	0.20	0.15	0.90
CH 1470-1500	1	30.00	0.20	0.15	0.90
CH 1500-1530	1	30.00	0.20	0.15	0.90
CH 1530-1560	1	30.00	0.20	0.15	0.90
CH 1560-1590	1	30.00	0.20	0.15	0.90
CH 1590-1620	1	30.00	0.20	0.15	0.90
CH 1620-1650	1	30.00	0.20	0.15	0.90
CH 1650- 1680	1	30.00	0.20	0.15	0.90
CH 1680- 1710	1	30.00	0.20	0.15	0.90
CH 1710- 1740	1	30.00	0.20	0.15	0.90
CH 1740- 1770	1	30.00	0.20	0.15	0.90
CH 1770- 1800	1	30.00	0.20	0.15	0.90
CH 1800- 1830	1	30.00	0.20	0.15	0.90
CH 1830- 1860	1	30.00	0.20	0.15	0.90
CH 1860- 1890	1	30.00	0.20	0.15	0.90
CH 1890- 1920	1	30.00	0.20	0.15	0.90
CH 1920- 1950	1	30.00	0.20	0.15	0.90
CH 1950- 1980	1	30.00	0.20	0.15	0.90
CH 1980- 2010	1	30.00	0.20	0.15	0.90
CH 2010- 2040	1	30.00	0.20	0.15	0.90
CH 2040- 2070	1	30.00	0.20	0.15	0.90
CH 2070- 2100	1	30.00	0.20	0.15	0.90

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G. Sch.-30

A.E.E. (Project)

63.00

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